

What Is Claimed Is:

1. A plug-connection verification system for detecting a properly made electrical plug connection between a plug having a locking element and a socket, comprising:
 - a detection device including an analyzer device and a data transmission device, the analyzer unit being configured to detect a position of the locking element and the data transmission device being configured to transmit the determined position of the locking element.
2. The plug-connection verification system as recited in claim 1, further comprised:
 - a switch arranged below the locking element.
3. The plug-connection verification system as recited in claim 1, wherein the locking element has an opening through which a light-emitting diode emits radiation onto a photovoltaic cell when the locking element is in a defined position.
4. The plug-connection verification system as recited in claim 1, wherein the detection device is arranged on a chip element.
5. The plug-connection verification system as recited in claim 1, wherein the detection device includes a transponder.
6. The plug-connection verification system as recited in claim 1, further comprising:
 - a receiver unit which is coupled to the data transmission device, the receiver unit configured to be attached to a wrist.

7. The plug-connection verification system as recited in claim 1, further comprising:

a receiver unit including a memory for storing an indication of the determined position.